

72155-36

2/13/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

FEB 13 2013

Annette Bloomberg
Bayer Advanced
2 T W Alexander Drive
Research Triangle Park, NC 27709

Subject: **Notification:** Minor label modifications including adding a total of 100% to the ingredients, adding two new marketing claims regarding non-public health pests, and clarifying spreader directions
Merit 0.25 Plus Lawn and Garden Fertilizer
EPA Reg. No. 72155-36

Dear Ms. Bloomberg:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated January 16, 2013, for the product EPA Reg No. 72155-36. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the label revisions requested fall within the scope of PRN 98-10. The label submitted has been stamped "Notification" and will be placed in our records. If you have any questions, please contact me at 703-347-0156 or urbanski.jennifer@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Urbanski".

Jennifer Urbanski, Ph.D.
Insecticide-Rodenticide Branch
Office of Pesticide Programs



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 72155-36	2. EPA Product Manager John Hebert	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) MERIT 0.25 Plus Lawn and Garden Fertilizer	PM# 7	
5. Name and Address of Applicant (Include ZIP Code) Bayer Advanced 2 T W Alexander Drive Research Triangle Park NC 27709 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

See Section II Explanation Attached

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Annette M. Bloomberg	Title Registration Manager	Telephone No. (Include Area Code) 919-549-2608
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment both under applicable law.		6. Date Application Received: (Stamped) _____ _____ _____ _____
2. Signature <i>Annette M. Bloomberg</i>	3. Title Registration Manager	
4. Typed Name Annette M. Bloomberg	5. Date January 16, 2013	

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Highlighted Copy

[FRONT PANEL]

Merit® 0.25 Plus Lawn and Garden Fertilizer

[ABN: Bayer Advanced Season Long Grub Control Plus Turf Revitalizer Ready-To-Spread Granules]

READY TO USE

- Kills White Grubs, Mole Crickets, and European Crane Fly larvae
- For Use On: Lawns, Ground Covers, Flower Beds, and around Trees & Shrubs
- Just One Application Kills Grubs, Mole Crickets, and European Crane Fly larvae All Season Long
- Apply Once, Anytime...Spring Through Late Summer

CONTAINS ROOT BOOSTER™

- X-X-X Feeds Root Systems
- Promotes Vigorous Root Growth

[ART: treated lawn, untreated lawn]

- Convenient, Two-in-One Formula
- Feeds Roots (the lawn) and (Plus) Protects Against Grubs
- Season-Long Grub Control
- Kills White Grubs Before They Damage Your Lawn
- Kills White Grubs Early, Before They Damage Your Lawn
- Promotes Strong Roots
- Helps Strengthen Root Systems by Promoting Growth
- Helps Lawn Recover
- Helps Strengthen Root Systems
- Rejuvenates the Lawn
- Patented Formula Helps Lawn Recover
- Unique Patented Formula
- Contains Merit®
- Suppresses chinch bugs and cutworms
- Also Kills Mole Crickets, Billbugs, Annual Bluegrass Weevils, and European Crane Fly larvae
- 100% satisfaction guaranteed
- Kills grubs all season-long plus revitalizes (turf) the lawn
- Defends against grubs plus helps turf recover

NOTIFICATION

FEB 13 2013

One application of this product kills grubs all season-long and revitalizes your lawn. This patented 2-in-1 formula creates a protective zone in the soil to kill grubs before they can cause damage plus promotes new growth in stressed lawns. Keeping your lawn beautiful and free of damaging grubs has never been easier.

ACTIVE INGREDIENT:

Imidacloprid* 0.25%

OTHER INGREDIENTS: 99.75%

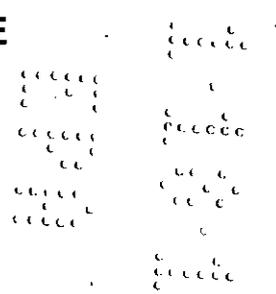
TOTAL: 100.00%

* Imidacloprid is the chemical name for Merit® insecticide.

EPA Reg. No. 72155-36

Net Contents: ___ Pounds

**STOP - READ THE LABEL BEFORE USE
KEEP OUT OF REACH OF CHILDREN
FOR OUTDOOR RESIDENTIAL USE
CAUTION**



See back panel for Ingredients and Additional Precautionary Statements
 Not for sale, sale into, distribution, and or use in Nassau, Suffolk, Kings, and Queens counties of New York.

[BACK PANEL]

READ THE LABEL FIRST!	
QUICK FACTS	
<ul style="list-style-type: none"> • Easy-To-Use Granules • Unique Double Action Formula (2-in-1) <ul style="list-style-type: none"> - Kills White Grubs Before They Damage Lawns - Feeds Root Systems - Feeds The Lawn (for thicker, greener turf) • Two-In-One Formula Kills Grubs While Feeding Your Lawn • Kills White Grubs Before They Damage Lawns • Just One Application Stops Grubs From Spring Through Late Summer • Season-Long Grub Control • Kills White Grubs, Billbugs, Annual Bluegrass Weevils, Mole Crickets, and European Crane Fly Larvae Early, Before They Damage The Lawn • Patented 2-in-1 Formula <ul style="list-style-type: none"> - Helps Strengthen Root Systems - Kills White Grubs Before They Damage Lawns • Also Kills Mole Crickets and European Crane Fly Larvae Before They Damage The Lawn 	
KILLS	White Grubs [ART: WHITE GRUB] (Including larvae of the Asiatic Garden Beetle, Black Turfgrass, Ataenius, Chafers, Japanese Beetle, May or June Beetle, and Oriental Beetle.) Billbugs Annual Bluegrass Weevils Mole Crickets [ART: MOLE CRICKET] European Crane Fly larvae [ART: EUROPEAN CRANE FLY LARVAE] Suppresses Chinch Bugs and Cutworms
FEEDS	Promotes strong roots. (Builds thicker, greener turf)
COVERAGE	This bag covers up to 5,000 sq ft (12 lb bag) (White Grubs, Billbugs, Annual Bluegrass Weevils, and European Crane Fly Larvae) 4,000 sq ft (Mole Crickets)
WHERE TO USE	Lawns, Ground Covers, Flower Beds, and around Trees & Shrubs
WHEN TO USE	May through mid-August, late summer to mid-fall for European Crane Fly
HOW MUCH TO USE	See spreader settings
	For questions or comments, call toll-free 1-877 BayerAG (877) 229-3725 229-3724

ACTIVE INGREDIENT:

Imidacloprid* 0.25 %

OTHER INGREDIENTS:** 99.75 %

TOTAL: 100.00 %

* Imidacloprid is the chemical name for Merit® insecticide.

** Other ingredients include: Fertilizer, Sticker, and Surfactants

EPA Reg. No. 72155-36

EPA Est. No. XXX

FERTILIZER ANALYSIS x-x-x

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

- Harmful if swallowed or absorbed through skin.
- Causes eye irritation.
- Avoid contact with skin, eyes, or clothing.
- Wash thoroughly with soap and water after handling.

FIRST AID

IF SWALLOWED:	<ul style="list-style-type: none"> • Call poison center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 - 20 minutes. • Call a poison control center or doctor for treatment advice.
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
<p>NOTE: When calling poison control center, have this product label accessible. If seeking treatment at an emergency room or doctor's office, bring this product label to show medical personnel. You may call Toll Free 1-877-229-3763 for medical emergency information. Active Ingredient: Imidacloprid [*CAS # 138261-41-3].</p>	
<p>TO PHYSICIAN: No specific antidote is available. Treat the patient symptomatically.</p>	

ENVIRONMENTAL HAZARDS

- This product is highly toxic to aquatic invertebrates.
- To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
For best results, read and follow all label directions.

BEFORE YOU USE Read and follow these directions when using.	<ul style="list-style-type: none"> Do not apply the product near fish pools, ponds, streams or lakes. Do not use in vegetable gardens.
TO CONTROL	WHEN TO APPLY
GRUBS	Apply once anytime from May through mid-August.
BILLBUGS AND ANNUAL BLUEGRASS WEEVILS	Apply once, when adults are present in large numbers (early to late spring)
EUROPEAN CRANE FLY LARVAE	Apply once, when these insects are present in large numbers (late summer to mid-fall)
MOLE CRICKETS	Apply once anytime from mid-May through mid-June. Florida residents: Apply once anytime between early April through early May.

For best results, apply this product before grubs, billbugs, annual bluegrass weevils, European crane flies, or mole crickets hatch. Contact your County Extension Agent for the ideal dates to apply in your area.

LAWNS	How Much: See Spreader Settings	
	Adjust spreader to the proper setting (see Spreader Settings).	[ART]
	To be sure you cover the entire area uniformly, first treat the border of the lawn then fill in the center. Make parallel passes, walking at a steady pace to ensure even distribution of the granules.	[ART]
	Water thoroughly after applying.	[ART]
FLOWER BEDS, GROUND COVERS, TREES & SHRUBS	How Much: 0.4 oz (X Tablespoons) per 10 sq ft of planting bed. 4 oz (X cups) per 100 sq ft of planting bed.	
	Spread granules evenly to the soil over flower beds, ground cover plantings, shrub beds and under trees. Tip: A hand-held spreader makes this easy.	[ART]
	Rake granules into the soil around plants.	[ART]
	Water thoroughly after applying.	[ART]
FOR BEST RESULTS	<ul style="list-style-type: none"> Apply early, before Grubs, Billbugs, Annual Bluegrass Weevils, European Crane Flies, and Mole Crickets hatch. Contact Extension Agent for the ideal dates to apply in your area. Water thoroughly within 24 hours after applying. Do not mow until the granules are watered into the soil. Avoid applying this product to waterlogged areas, as this may decrease the product's effectiveness. You may spread this product over soil or mulch. If present, remove weed barrier before applying. 	

SIGNS OF DAMAGE TO LAWNS:

GRUBS	White grubs cause extensive damage to lawns by feeding on grass roots. Grass turns yellow, then brown, and dies. Grubs chew off roots so that the grass is easily pulled up in pieces with your hands. You can roll it back like a carpet to reveal the grubs. If patches of dead grass appeared in your lawn late last summer, check for grubs.
BILLBUGS AND ANNUAL BLUEGRASS WEEVILS	Grass turns yellow, then brown, and dies. Stems of damaged grass breaks off easily.
EUROPEAN CRANE FLY LARVAE	European crane fly larvae often cause damage by feeding on grass roots and disrupting the soil surface.
MOLE CRICKETS	Mole crickets often cause extensive damage by tunneling through lawns. Some species also feed on roots. Tunneling uproots the grass so it easily dries out. Lawns turn yellow, become thin, weedy, and can eventually die.
HOW IT WORKS	After this product granules are watered in, a protective zone is formed in the soil. If applied early, this product kills grubs, billbugs, annual bluegrass weevils, European crane flies, and mole crickets when they hatch...before they can cause damage. Also can suppress chinch bug and cutworm populations if applied when they are young.



Children and pets may re-enter after the treated area has been watered and allowed to dry.

SPREADER SETTINGS

If your spreader is not listed, please call our Consumer Service Hotline toll-free (877) 229-3726 229-3724 for help.

Rate for Grubs, Billbugs, Annual Bluegrass Weevils, and European Crane Fly Larvae: 2.4 lbs per 1,000 sq ft

Rate for Mole Crickets and suppression of Chinch Bugs and Cutworms: 3 lbs per 1,000 sq ft

BROADCAST SPREADERS MODEL	TO DELIVER		DISTANCE BETWEEN PASSES (FT)
	2.4 LB RATE SETTING* 1,000 SQ FT	3 LB RATE SETTING* PER 1,000 SQ FT	
EARTHWAY EV-N-SPREAD ROTARY	12.0	13.0	3.0
K-GRO ROTARY	3.5	4.0	5.5
REPUBLIC EZ ROTARY (#540)	3.5	4.0	5.0
SCOTTS EDGEGUARD	5.0	5.5	4.0
SCOTTS EASYGREEN (EG-3)	27.0	28.0	3.0
SCOTTS SPEEDYGREEN 1000	3.0	3.5	4.0
SCOTTS SPEEDYGREEN 2000, 3000	5.25	5.75	3.5
SEARS ROTARY	3.5	4.0	5.0
VIGORO ROTARY (#584000V)	4.0	4.5	3.0
VIGORO ROTARY (#584300RD)	2.5	3.0	2.5
DROP SPREADERS MODEL	2.4 LB RATE SETTING*	3 LB RATE SETTING*	DISTANCE BETWEEN PASSES (FT)
K-GRO DROP	7.5	8.0	N/A
REPUBLIC EZ ROTARY (#530)	7.5	8.0	N/A
SCOTTS ACCU GREEN 1000, 2000	7.0	8.0	N/A
SCOTTS ACCU GREEN 3000	7.5	8.25	N/A
SEARS DROP	7.5	8.0	N/A
VIGORO DROP (D584000V, D545000RD)	2.75	3.0	N/A

*Settings are approximate. The condition of your spreader, the speed at which you walk and uneven terrain may affect the rate of application. Calibrate your spreader according to manufacturer's directions. Tip: 1,000 sq ft = 20 ft x 50 ft

Do not use a spreader that applies granules in narrow, concentrated or uneven bands. Be sure the spreader works properly and spreads granules evenly.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal

Storage Conditions:

Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet.

Disposal:



If empty: Non-refillable container. Do not refill or reuse this container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

NOTICE

Research and testing has determined that the "Directions for Use" are appropriate for the proper use of this product under expected conditions. The Buyer assumes responsibility for lack of performance or safety if not used according to the directions.

Money Back Guarantee: If you are not satisfied, we will gladly refund your original purchase price.

PRODUCED FOR



A Business Unit of Bayer CropScience LP
P.O. Box 12014, 2 T.W. Alexander Drive
Research Triangle Park, North Carolina 27709

Bayer Advanced Season Long Grub Control (MASTER) Approved 03/25/09, Notification 01/11/13